LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF011019\
Data File : BF111995.D
Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.510	578	582	590	rVB	2108105	2087441	28.25%	1.506%
2	5.910	641	650	653	rBV3	345125	544697	7.37%	0.393%
3	6.039	669	672	676	rVB3	558294	681910	9.23%	0.492%
4	6.134	682	688	694	rVV3	1405573	2023367	27.38%	1.460%
5	6.187	694	697	700	rVV	629392	616473	8.34%	0.445%
6	6.322	715	720	725	rBV2	684963	1066774	14.43%	0.770%
7	6.416	732	736	745	rBV4	1001365	1668764	22.58%	1.204%
8	6.516	745	753	758	rBV2	2411777	3359844	45.46%	2.424%
9	6.557	758	760	762	rVB	471954	364849	4.94%	0.263%
10	6.622	767	771	773	rBV2	833742	1256272	17.00%	0.907%
11	6.651	773	776	784	rVB2	2908535	3527181	47.73%	2.545%
12	6.722	784	788	789	rBV3	398344	390839	5.29%	0.282%
13	6.739	789	791	794	rVB2	562379	512041	6.93%	0.369%
14	6.851	798	810	811	rBV5	651567	1628351	22.03%	1.175%
15	6.875	811	814	819	rVB3	1190147	1282824	17.36%	0.926%
16	6.945	822	826	828	rVB	598942	643582	8.71%	0.464%
17	6.975	828	831	833	rBV2	565402	720477	9.75%	0.520%
18	6.998	833	835	837	rVB	545135	434829	5.88%	0.314%
19	7.034	837	841	844	rBV2	3332970	3386163	45.82%	2.443%
20	7.063	844	846	849	rVB2	822282	687597	9.30%	0.496%
21	7.116	852	855	856	rBV2	642182	681817	9.23%	0.492%
22	7.157	859	862	865	rVB3	1085801	1318659	17.84%	0.952%
23	7.198	865	869	871	rBV3	587962	545002	7.37%	0.393%
24	7.234	871	875	877	rBV3	532555	618161	8.36%	0.446%
25	7.281	877	883	885	rBV3	1910215	2019723	27.33%	1.457%
26	7.310	885	888	893	rVB5	749742	1005842	13.61%	0.726%
27	7.363	893	897	899	rBV2	373893	481291	6.51%	0.347%
28	7.416	899	906	911	rBV4	2445991	5219095	70.62%	3.766%
29	7.463	911	914	920	rVB4	1294833	1943034	26.29%	1.402%
30	7.522	920	924	928	rVB4	1878693	3065086	41.47%	2.212%
31	7.569	928	932	934	rBV4	817644	1254918	16.98%	0.906%
32	7.633	937	943	944	rBV5	533247	796611	10.78%	0.575%
33	7.651	944	946	950	rVB2	501563	478645	6.48%	0.345%
34	7.692	950	953	956	rVB3	1698343	1483466	20.07%	1.070%

LSC Area Percent Report

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Data File : BF111995.D
Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.716	956	957	961	rVB2	494461	396103	5.36%	0.286%
36	7.769	962	966	967	rBV2	1022500	1117462	15.12%	0.806%
37	7.786	967	969	971	rVV	1417877	1095953	14.83%	0.791%
38	7.810	971	973	977	rVB3	2393780	2035803	27.55%	1.469%
39	7.851	978	980	982	rVB3	608580	453567	6.14%	0.327%
40	7.875	982	984	986	rBV2	347337	425063	5.75%	0.307%
41	7.904	986	989	991	rBV2	1674583	1607104	21.75%	1.160%
42	7.928	991	993	996	rVB3	847058	775284	10.49%	0.559%
43	7.986	999	1003	1008	rBV5	1377492	1806674	24.45%	1.304%
44	8.033	1008	1011	1013	rBV2	1189982	1405506	19.02%	1.014%
45	8.075	1016	1018	1020	rVB2	604077	444817	6.02%	0.321%
46	8.104	1021	1023	1025	rBV2	822625	818964	11.08%	0.591%
47	8.157	1028	1032	1038	rVV4	1824935	3250131	43.98%	2.345%
48	8.216	1040	1042	1047	rVB4	1372954	1836353	24.85%	1.325%
49	8.257	1047	1049	1053	rBV4	1180833	1015636	13.74%	0.733%
50	8.322	1057	1060	1062	rBV4	1124874	1170602	15.84%	0.845%
51	8.345	1062	1064	1065	rBV	686387	512918	6.94%	0.370%
52	8.375	1065	1069	1072	rVB2	1294056	1923794	26.03%	1.388%
53	8.463	1079	1084	1086	rVB5	2256979	3158728	42.74%	2.279%
54	8.492	1086	1089	1091	rBV3	640632	559894	7.58%	0.404%
55	8.522	1091	1094	1095	rBV3	822543	765125	10.35%	0.552%
56	8.551	1096	1099	1102	rVB4	1264047	1560933	21.12%	1.126%
57	8.598	1102	1107	1111	rBV	6154546	7390426	100.00%	5.333%
58	8.633	1111	1113	1116	rVB2	1452836	1236198	16.73%	0.892%
59	8.675	1116	1120	1123	rBV2	2718295	2647095	35.82%	1.910%
60	8.716	1123	1127	1129	rBV3	1591599	1912675	25.88%	1.380%
61	8.828	1144	1146	1148	rVV2	1645081	1438536	19.46%	1.038%
62	8.857	1148	1151	1154	rVB4	1800800	2294065	31.04%	1.655%
63	8.916	1159	1161	1163	rVB3	965747	738306	9.99%	0.533%
64	8.951	1163	1167	1170	rBV6	1091490	1803629	24.40%	1.301%
65	8.992	1172	1174	1176	rVB	1511069	1096524	14.84%	0.791%
66	9.051	1181	1184	1186	rBV3	693444	746809	10.11%	0.539%
67	9.080	1186	1189	1192	rVB2	1870279	1876204	25.39%	1.354%
68	9.110	1192	1194	1196	rBV2	734645	692793	9.37%	0.500%
69	9.133	1196	1198	1200	rVB2	905386	591484	8.00%	0.427%
70	9.198	1205	1209	1212	rVV2	5492118	5746761	77.76%	4.147%
71	9.239	1213	1216	1218	rVB	2594134	2063543	27.92%	1.489%

LSC Area Percent Report

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Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.280	1221	1223	1225	rVB2	540058	392313	5.31%	0.283%
73	9.327	1227	1231	1235	rVV3	1891890	2923669	39.56%	2.110%
74	9.363	1235	1237	1239	rVV3	918388	1039618	14.07%	0.750%
75	9.398	1241	1243	1245	rVV	1531210	1391917	18.83%	1.004%
76	9.439	1248	1250	1254	rVB4	815254	766060	10.37%	0.553%
77	9.510	1260	1262	1265	rVB3	880747	831572	11.25%	0.600%
78	9.557	1267	1270	1272	rVV3	707405	917086	12.41%	0.662%
79	9.580	1272	1274	1276	rVV2	982728	848153	11.48%	0.612%
80	9.604	1276	1278	1280	rVB3	698169	585630	7.92%	0.423%
81	9.645	1280	1285	1288	rBV2	4839615	5836315	78.97%	4.211%
82	9.669	1288	1289	1291	rVV	731195	479587	6.49%	0.346%
83	9.698	1291	1294	1297	rVB3	557193	515710	6.98%	0.372%
84	9.792	1308	1310	1313	rVB2	661597	670129	9.07%	0.484%
85	9.839	1315	1318	1320	rVB2	1017828	1026179	13.89%	0.740%
86	9.892	1324	1327	1328	rBV2	402699	365032	4.94%	0.263%
87	9.916	1328	1331	1334	rVB2	853380	1133065	15.33%	0.818%
88	9.957	1335	1338	1340	rVB	704729	544405	7.37%	0.393%
89	10.022	1347	1349	1354	rVB5	626567	707762	9.58%	0.511%
90	10.116	1362	1365	1369	rVV3	1001353	1582745	21.42%	1.142%
91	10.175	1372	1375	1382	rVB4	987268	1616792	21.88%	1.167%
92	10.233	1383	1385	1388	rVV2	413836	490295	6.63%	0.354%
93	10.463	1420	1424	1429	rBV4	316585	440903	5.97%	0.318%
94	10.569	1436	1442	1448	rVV	758806	884577	11.97%	0.638%
95	10.704	1462	1465	1468	rVB	739806	591683	8.01%	0.427%
96	10.833	1483	1487	1490	rBV	884399	796602	10.78%	0.575%
97	11.421	1585	1587	1591	rVB	478740	416710	5.64%	0.301%
98	12.980	1848	1852	1855	rVB	1138093	943608	12.77%	0.681%
99	14.015	2022	2028	2030	rBV	1299517	1237067	16.74%	0.893%
100	15.527	2281	2285	2295	rVB	247911	400599	5.42%	0.289%

Sum of corrected areas: 138582870

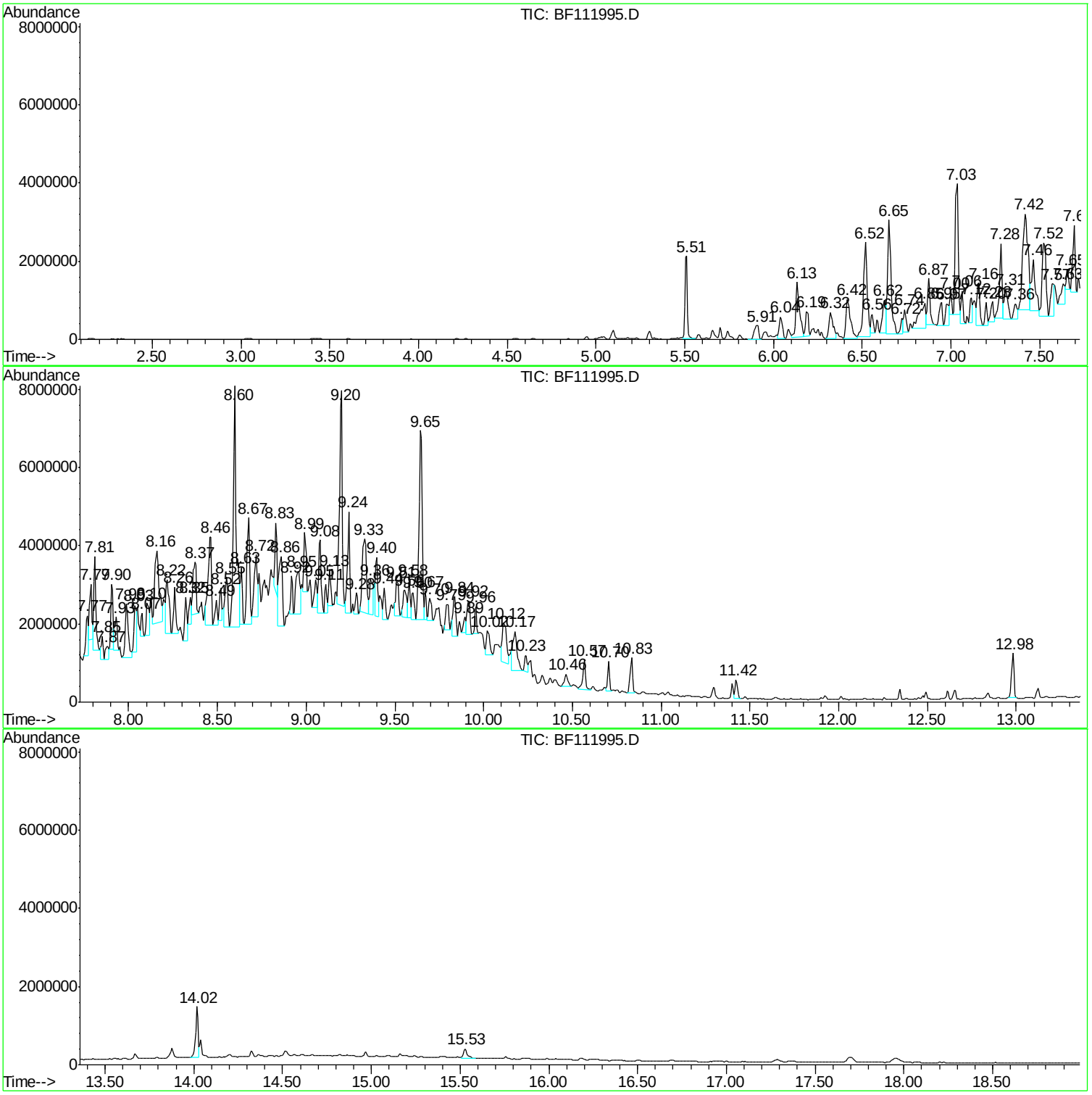
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF011019\
Data File : BF111995.D
Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF011019\
Data File : BF111995.D
Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

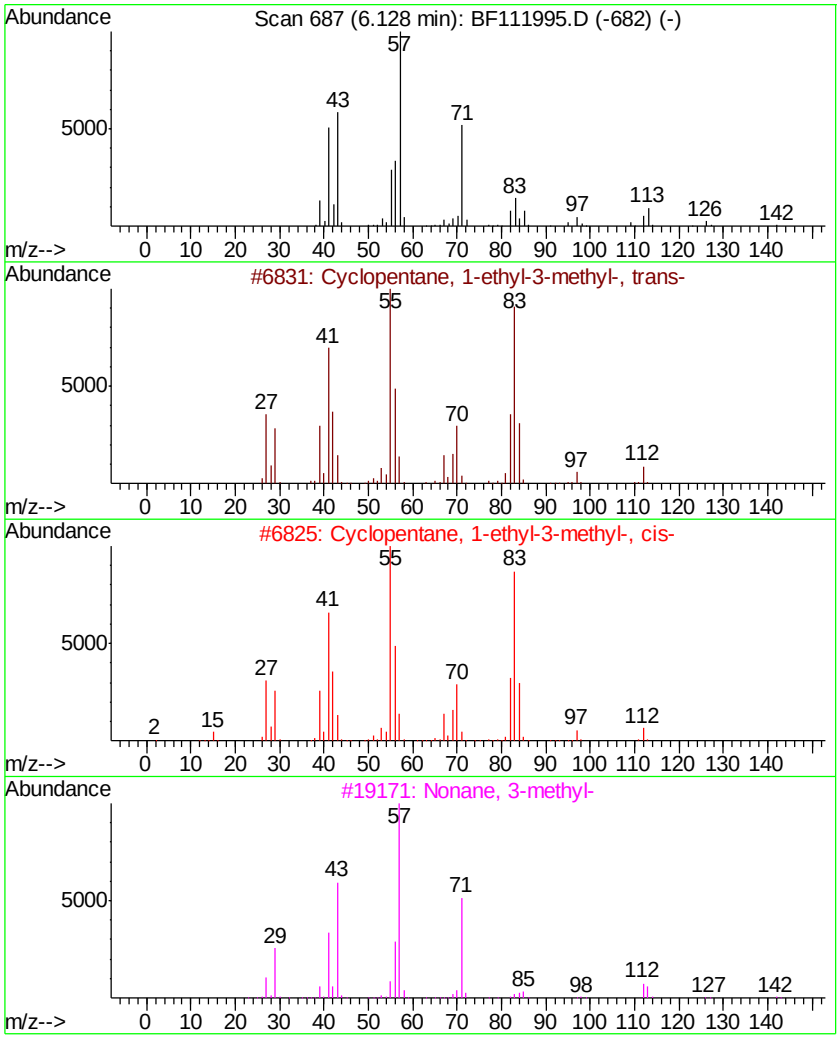
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

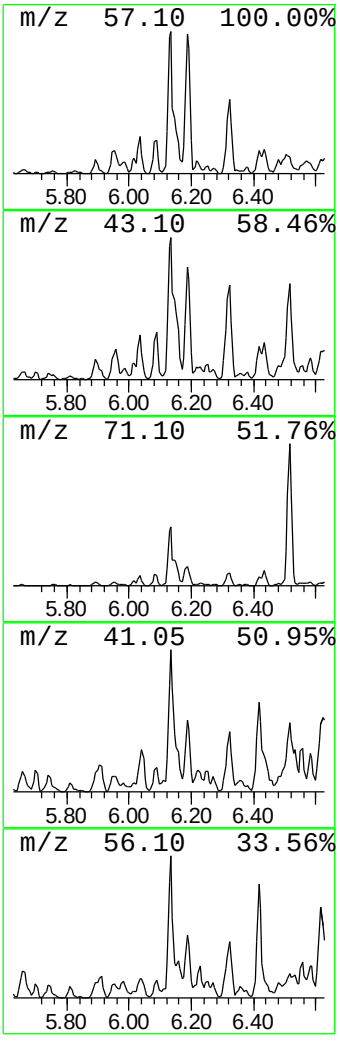
****

Peak Number 1 Cyclopentane, 1-ethyl-3-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	31.55 ng	2023370	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	52
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	52
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
5	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	38





Library Search Compound Report

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Data File : BF111995.D
Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

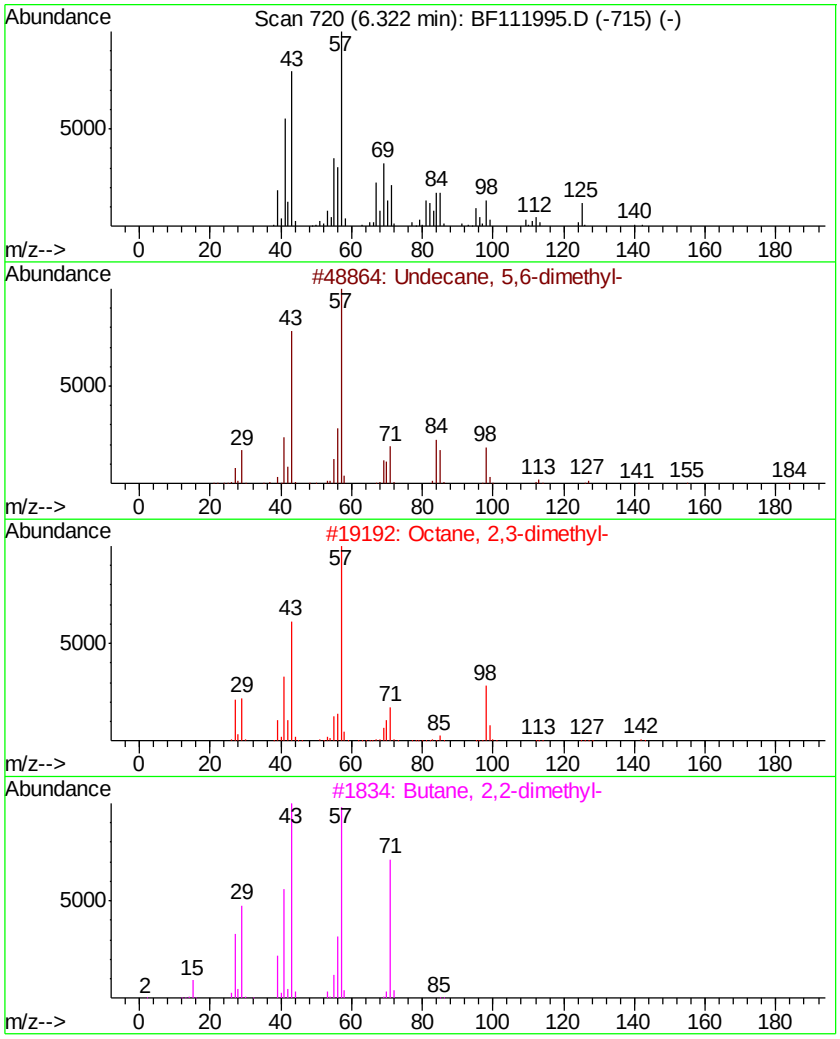
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

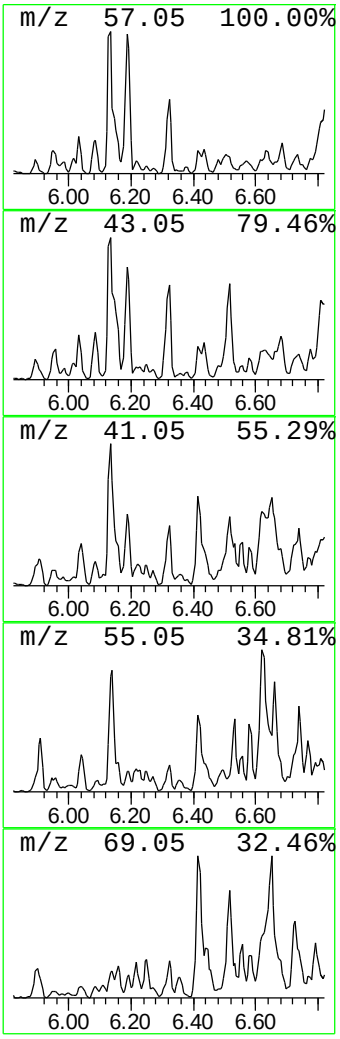
****

Peak Number 2 Undecane, 5,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	16.63 ng	1066770	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	35
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
4	Hexyl octyl ether	214	C14H30O	017071-54-4	35
5	Nonane	128	C9H20	000111-84-2	27





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF011019\
Data File : BF111995.D
Acq On : 10 Jan 2019 18:49
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Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

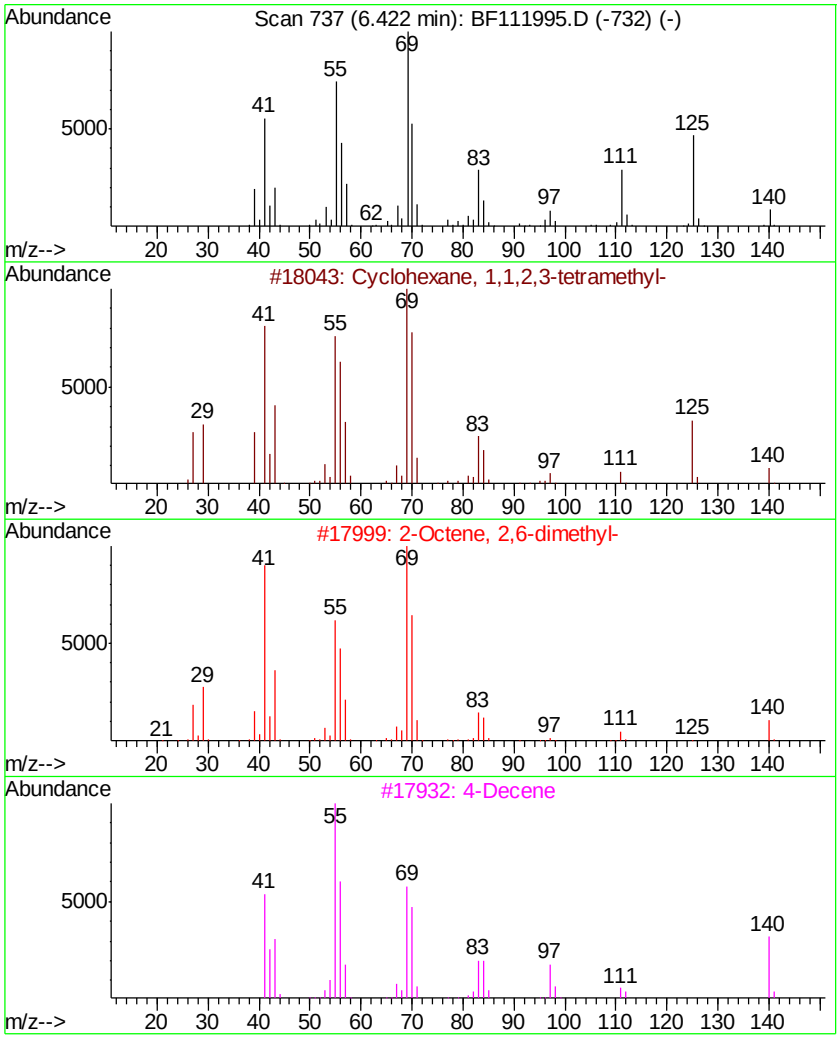
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

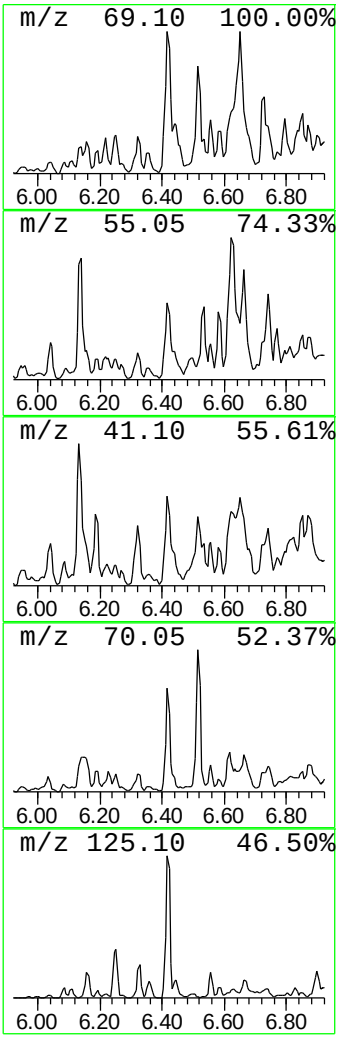
****

Peak Number 3 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	26.02 ng	1668760	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	76
3	4-Decene	140	C10H20	019689-18-0	64
4	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	53
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF011019\
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Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

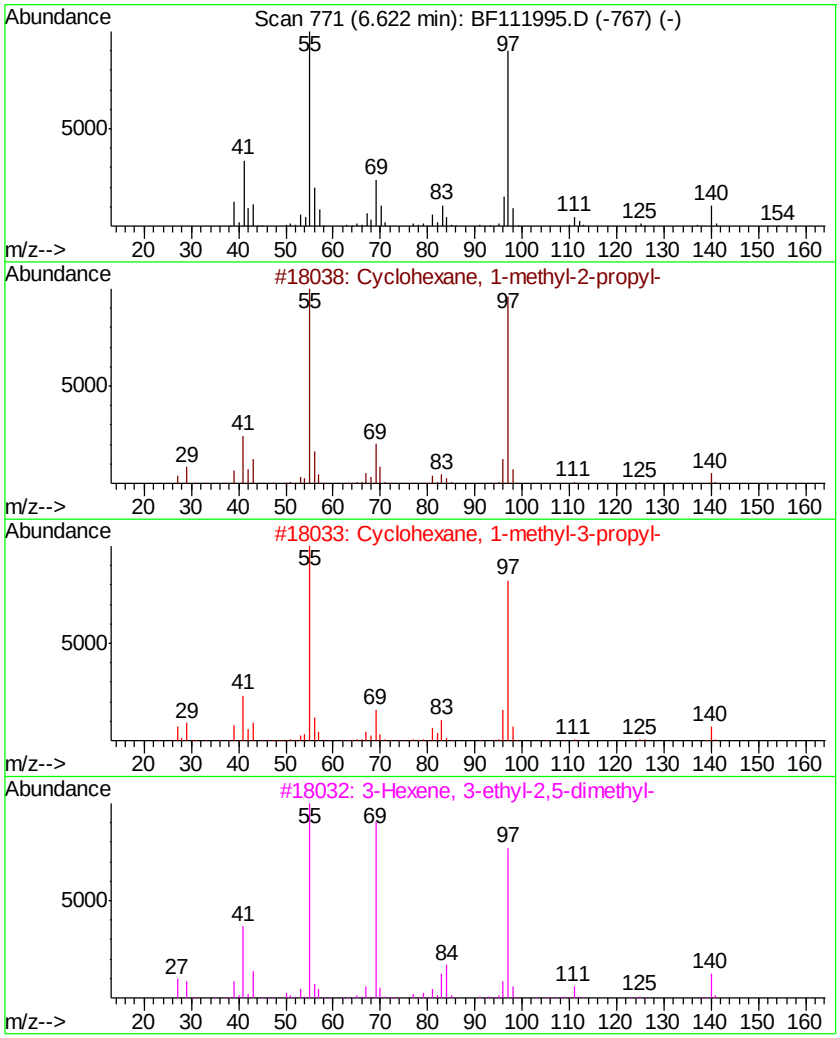
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

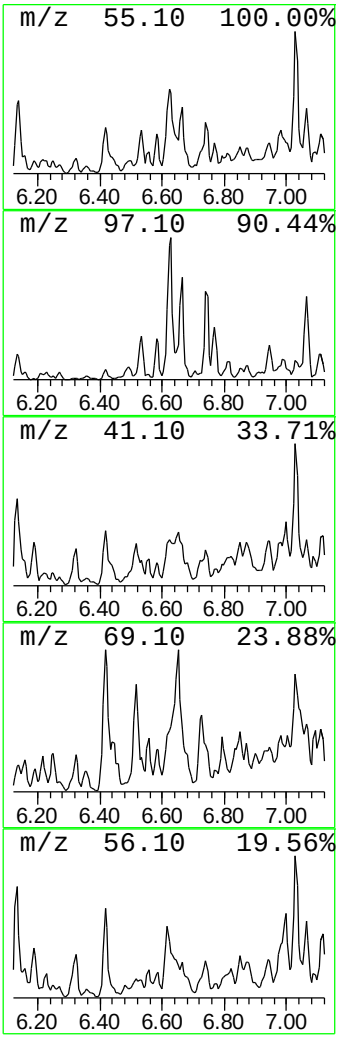
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1-methyl-2-pro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	19.59 ng	1256270	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	91
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	87
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	81
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	78
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64





Library Search Compound Report

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Data File : BF111995.D
Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

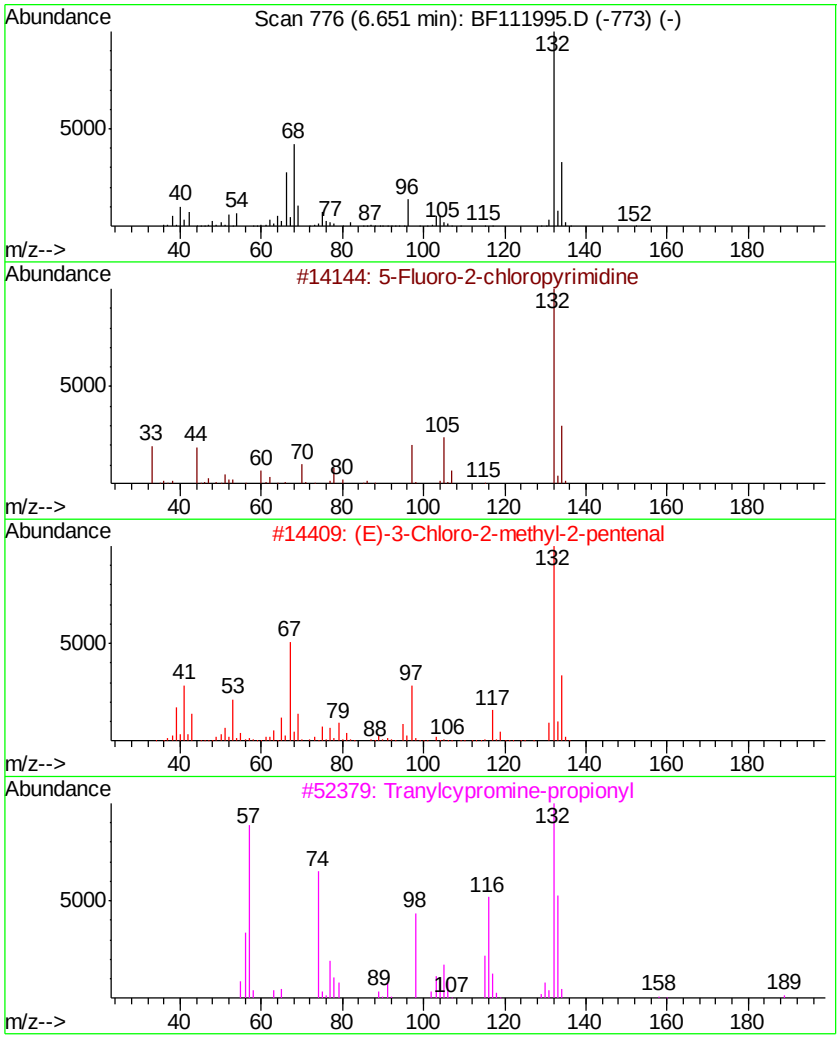
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

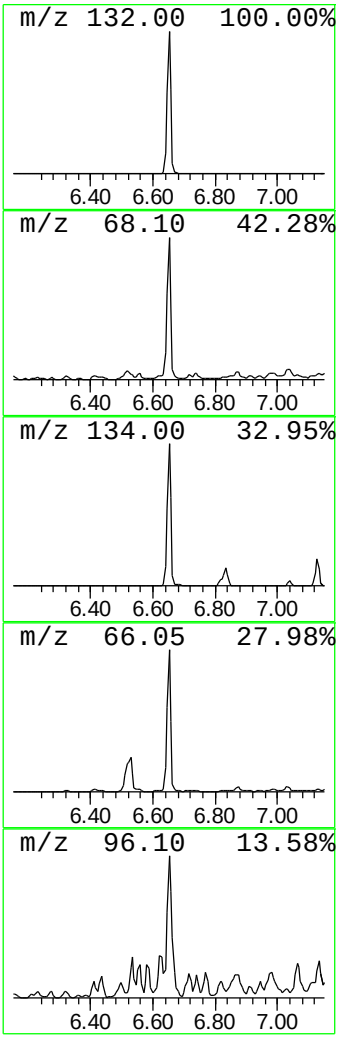
****

Peak Number 5 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	54.99 ng	3527180	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF111995.D
Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

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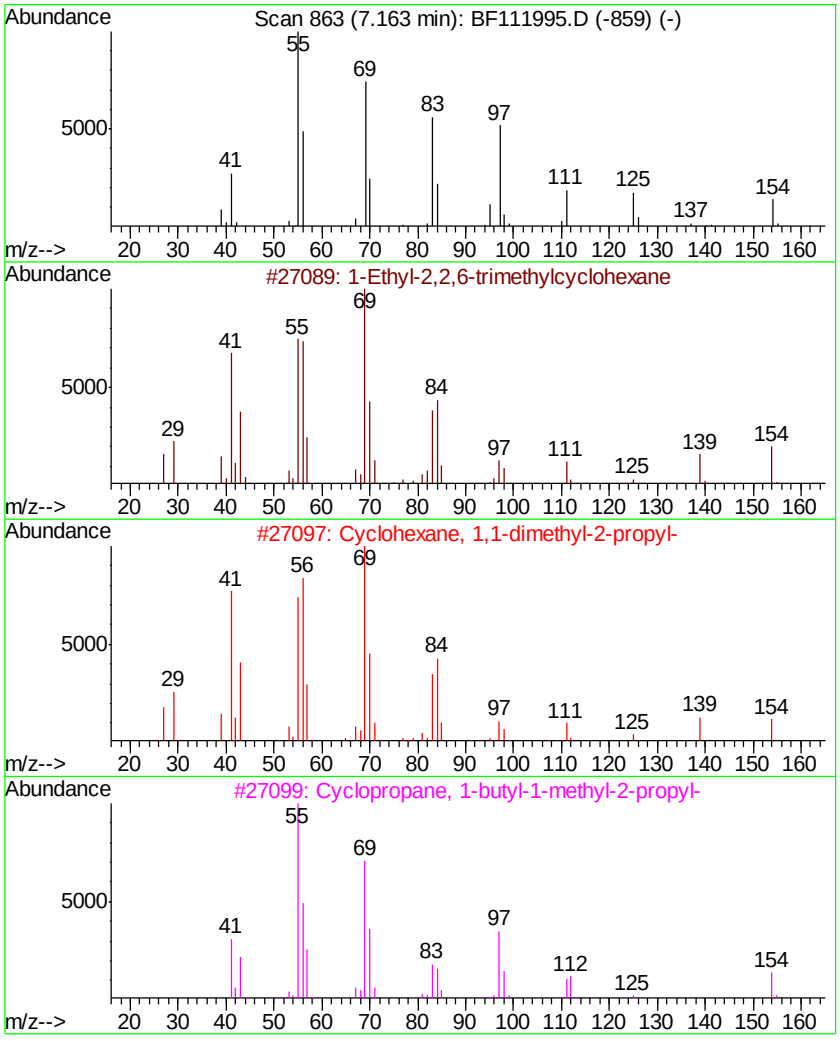
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

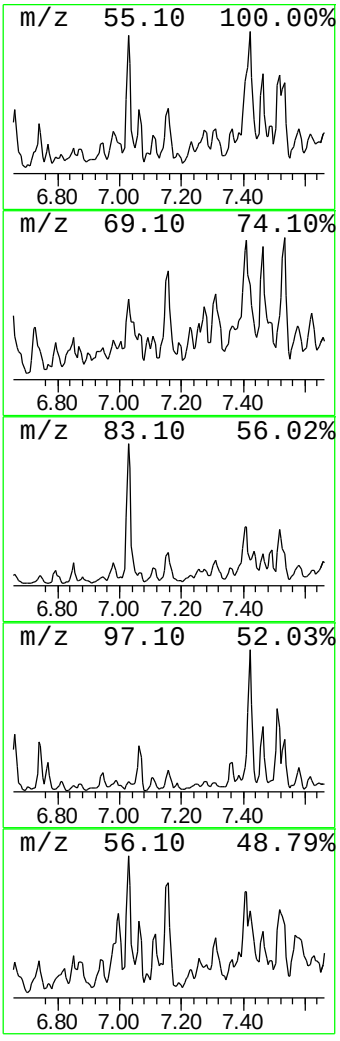
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	20.56 ng	1318660	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	76
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	70
3	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	59
4	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	52
5	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	49





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Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

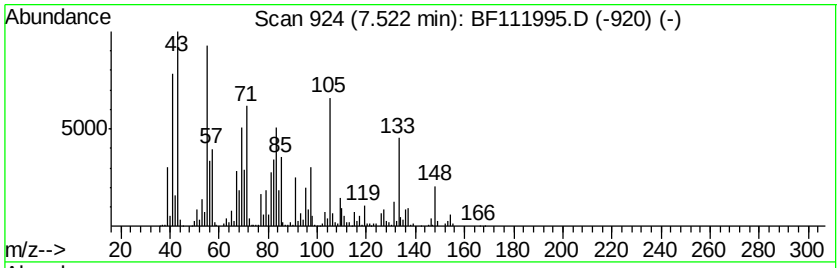
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

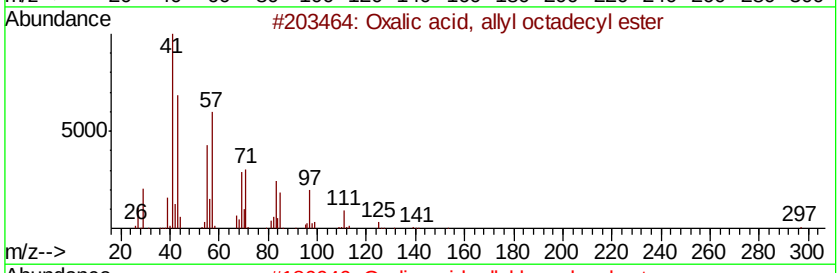
****

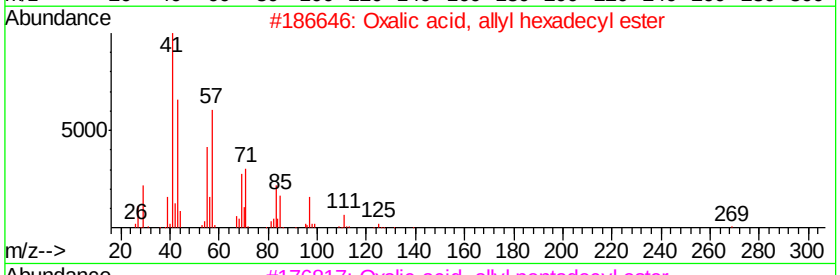
Peak Number 8 unknown7.52 Concentration Rank 14

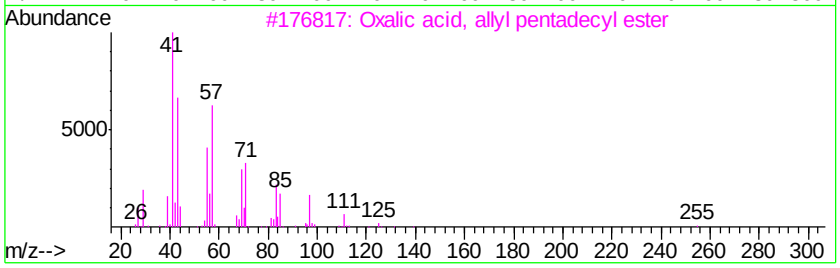
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	18.86 ng	3065090	Naphthalene-d8	8.16

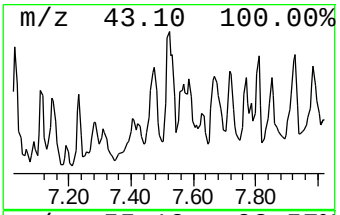
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	43
2	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	43
3	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	43
4	1-Hexacosanol	382	C26H54O	000506-52-5	35
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	35

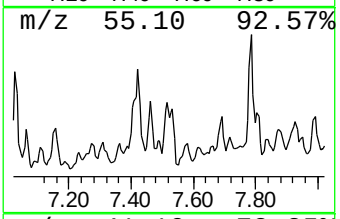


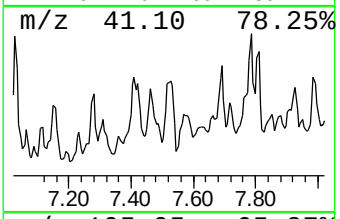


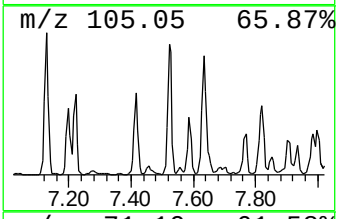


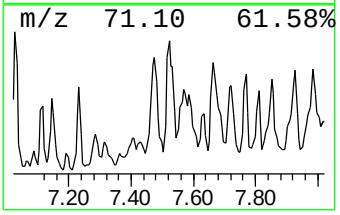












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Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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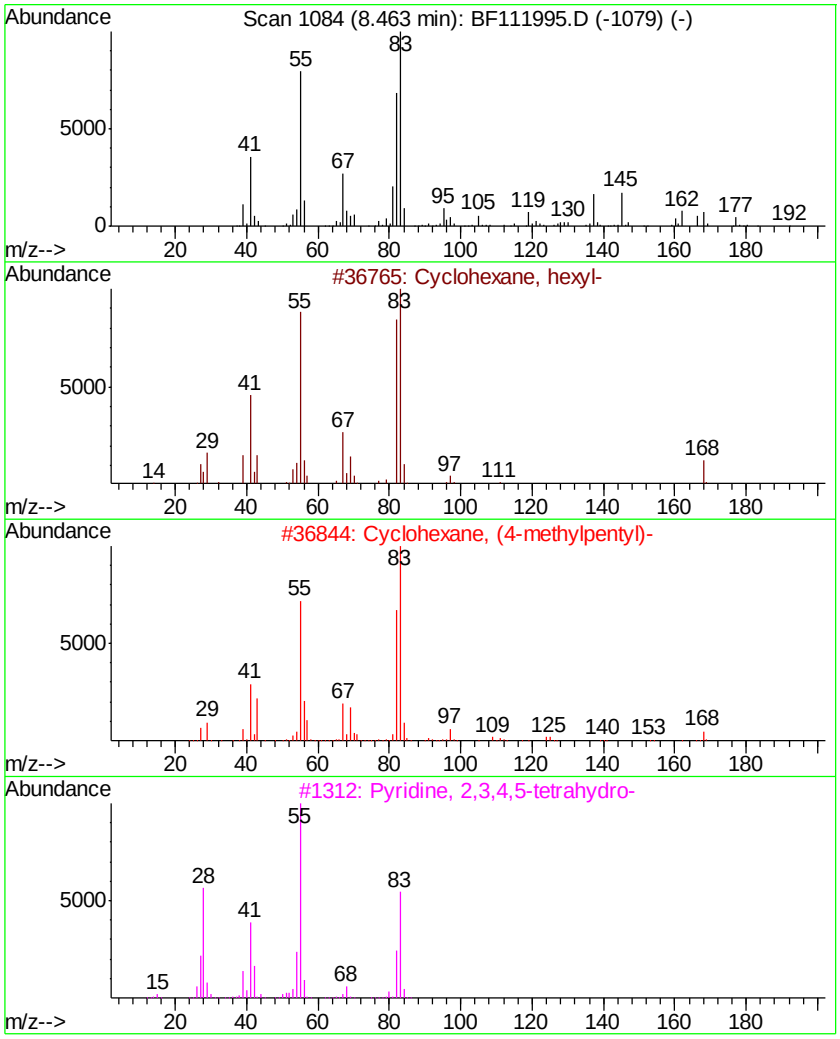
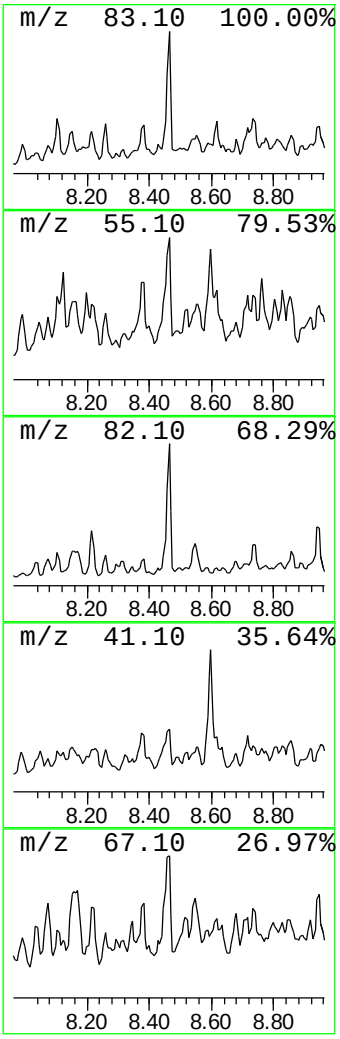
Peak Number 9 Cyclohexane, hexyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	19.44 ng	3158730	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	87
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	59





Library Search Compound Report

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Acq On : 10 Jan 2019 18:49
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Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : CPSB-16(20-25)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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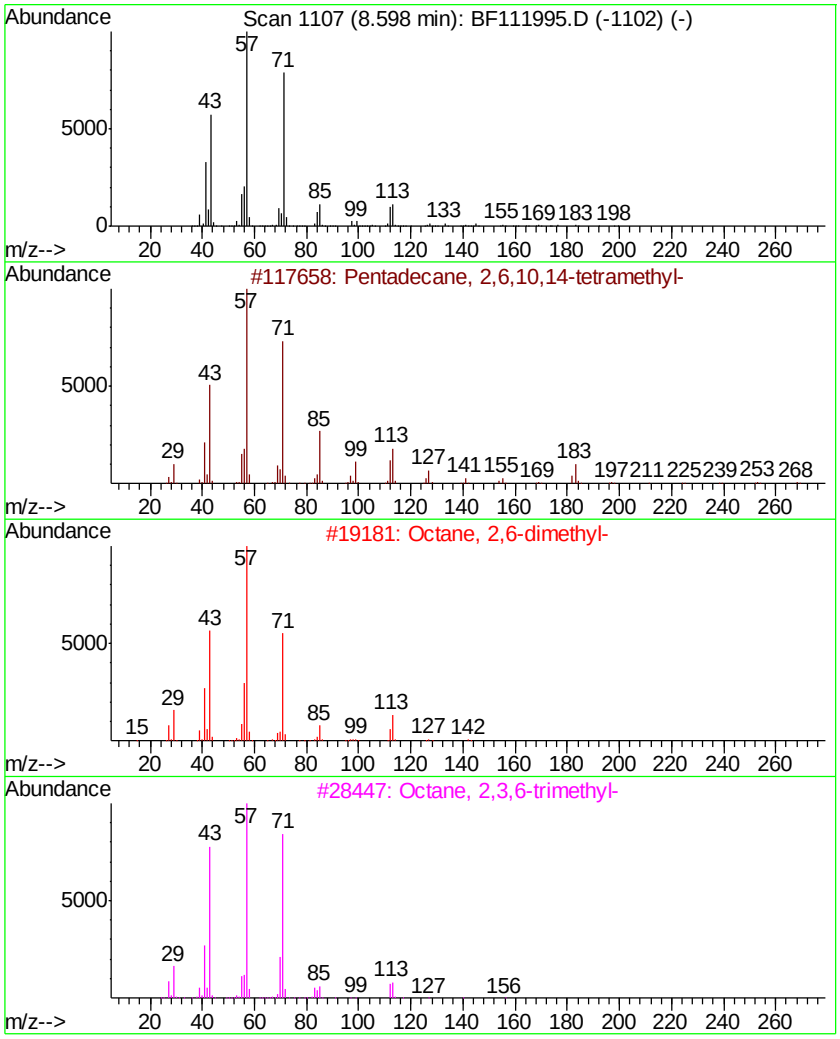
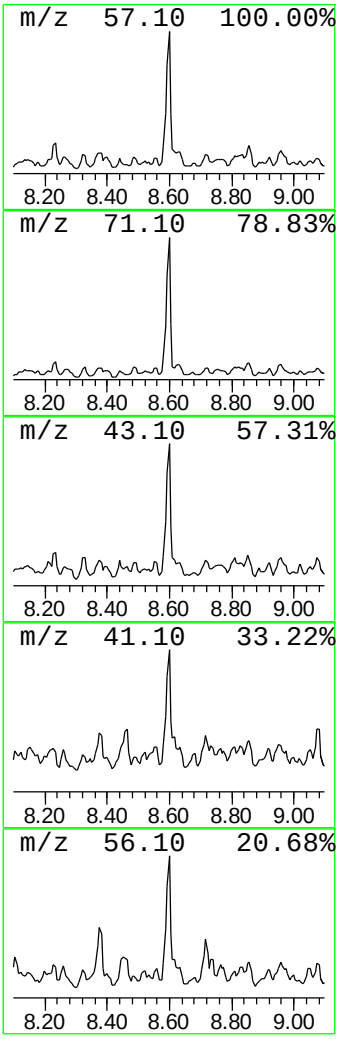
Peak Number 10 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	45.48 ng	7390430	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
4	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

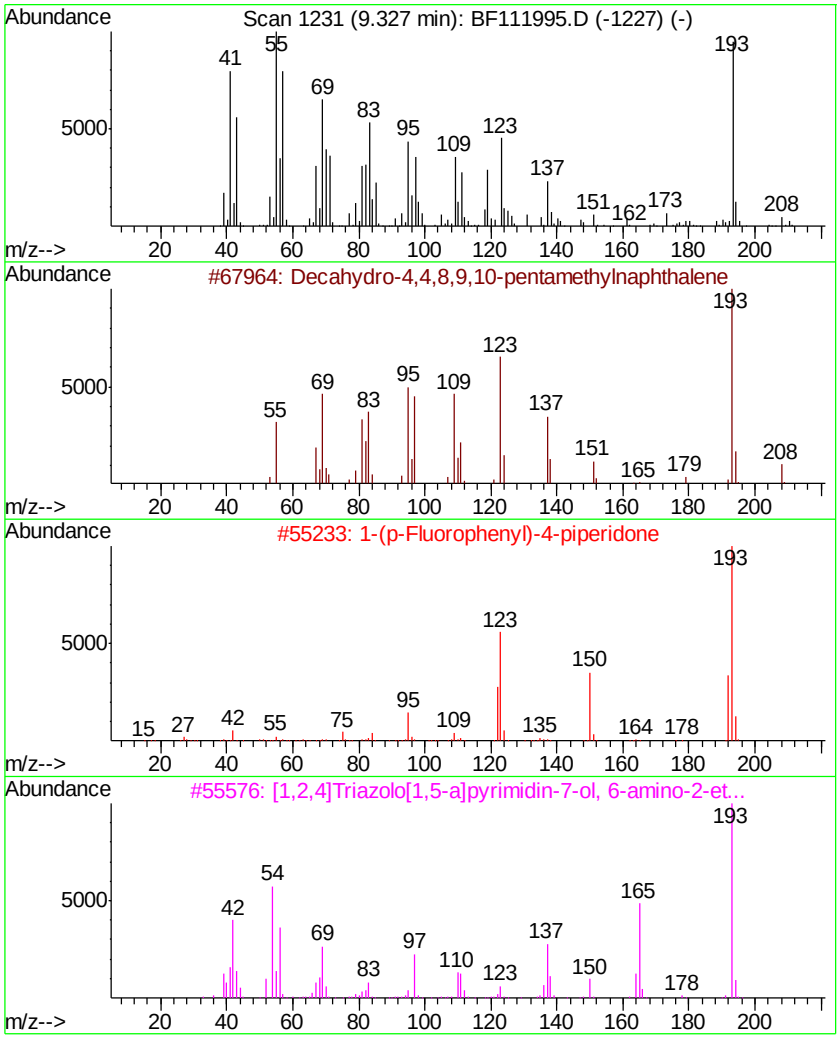
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

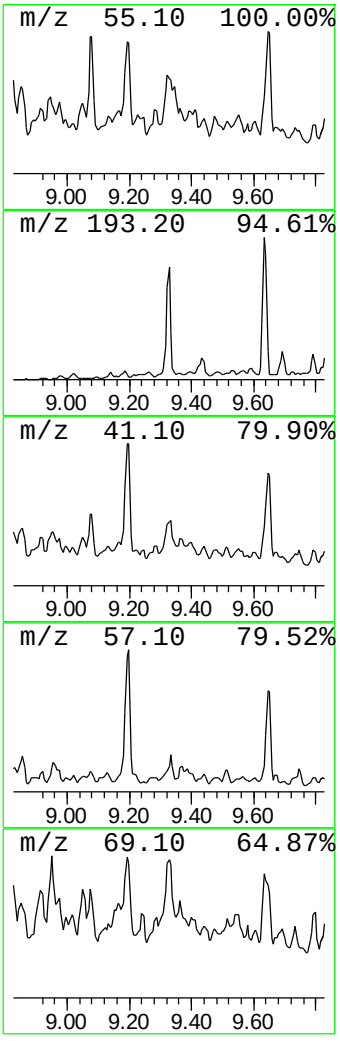
****

Peak Number 13 unknown9.33 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	51.61 ng	2923670	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	38
4	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	27
5	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	27





Library Search Compound Report

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Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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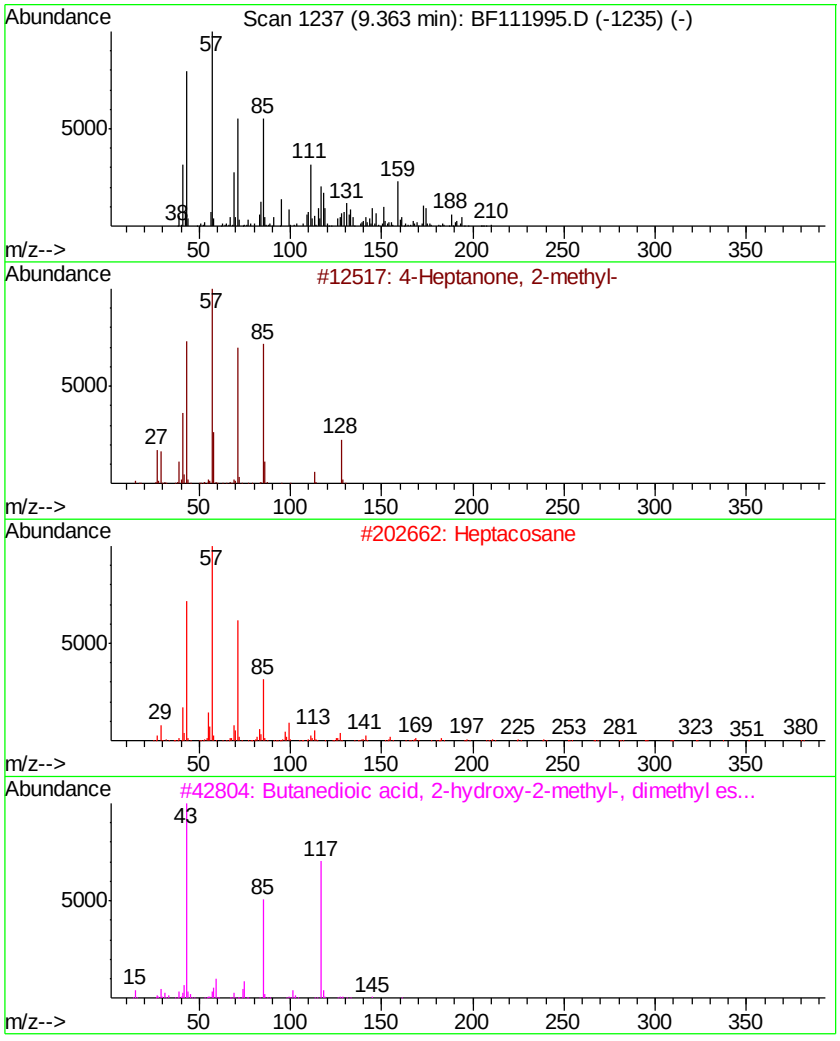
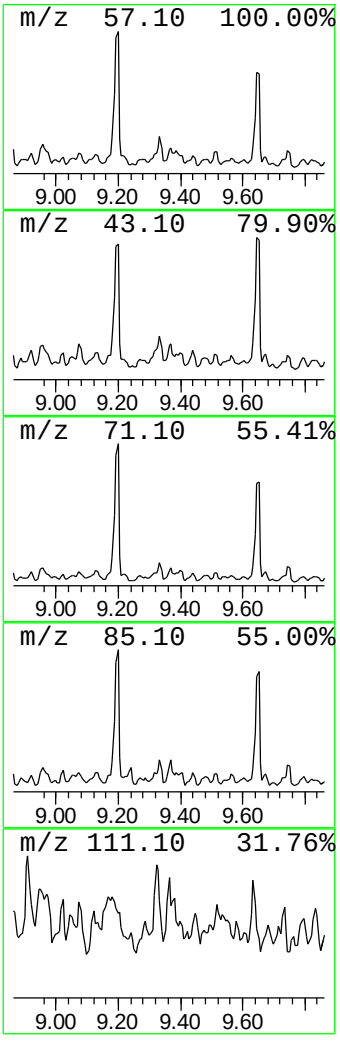
Peak Number 14 unknown9.36 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	18.35 ng	1039620	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	35
2	Heptacosane	380	C27H56	000593-49-7	22
3	Butanedioic acid, 2-hydroxy-2-me...	176	C7H12O5	081426-68-8	14
4	2,3,4-Trifluorobenzoic acid, 2-t...	260	C12H11F3O3	1000282-29-9	14
5	Octadecane	254	C18H38	000593-45-3	14





Library Search Compound Report

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Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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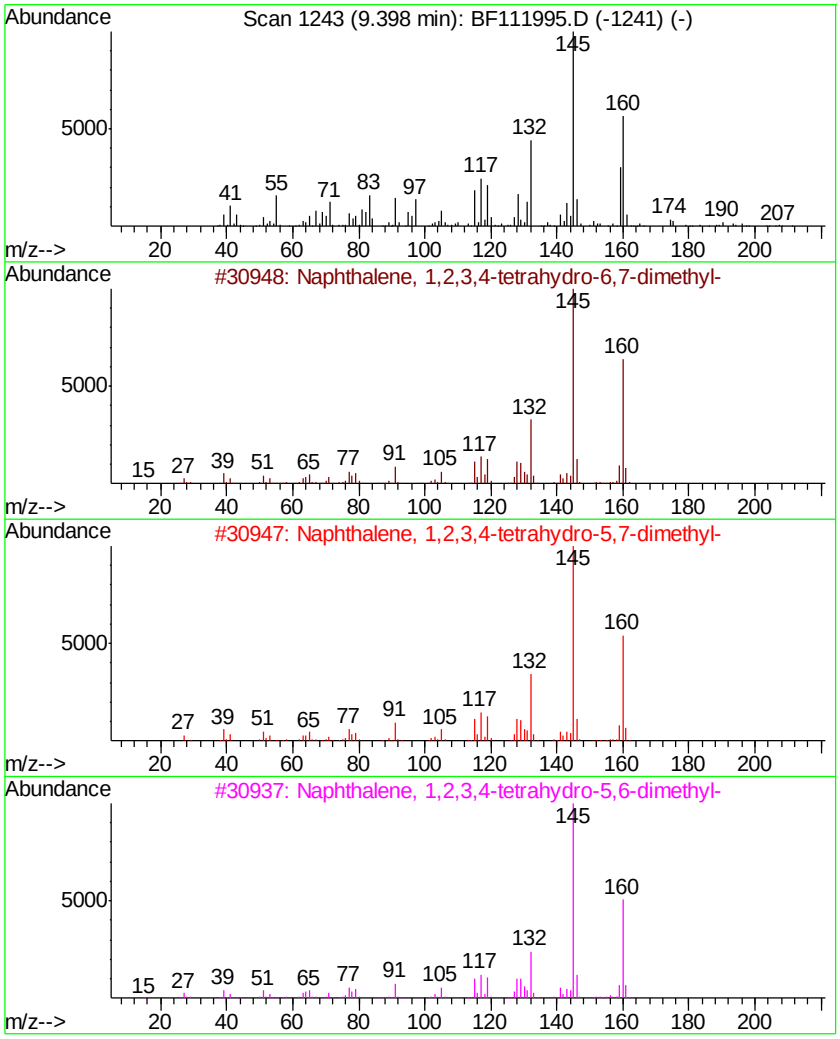
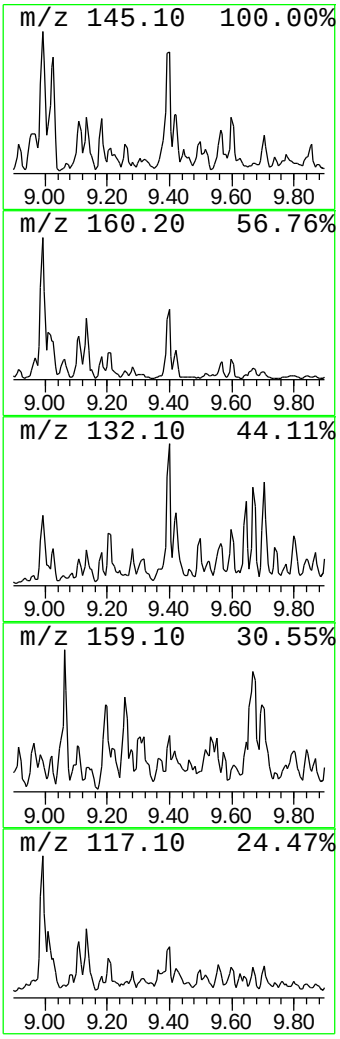
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	24.57 ng	1391920	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	81
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	58
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	58





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Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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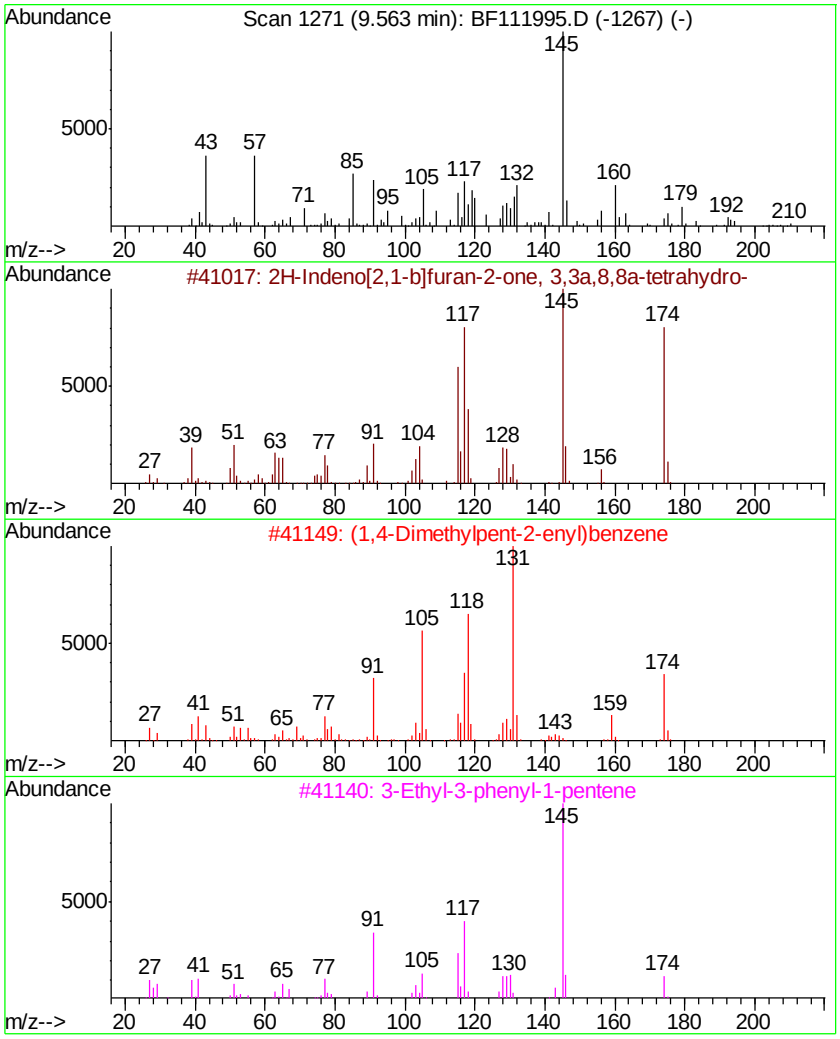
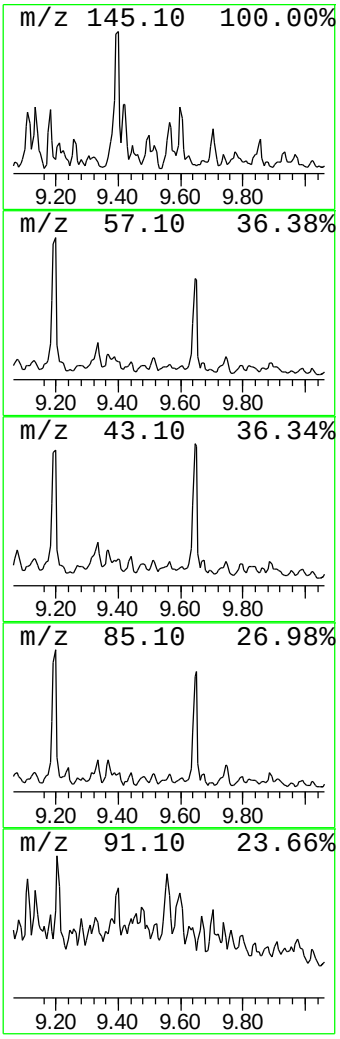
Peak Number 16 2H-Indeno[2,1-b]furan-2-one... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	16.19 ng	917086	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	52
2	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	43
3	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	42
4	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	38
5	1,2,3,4-Tetrahydro-3-isopropyl-5...	188	C14H20	1000241-59-1	27





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Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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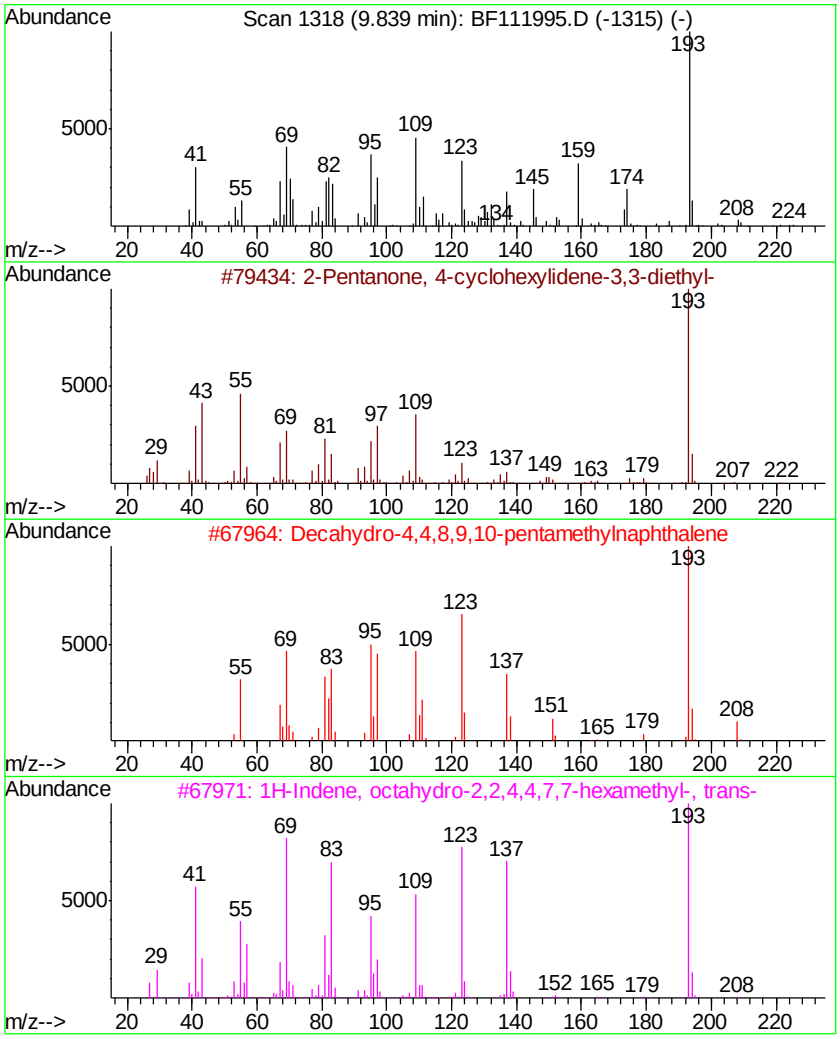
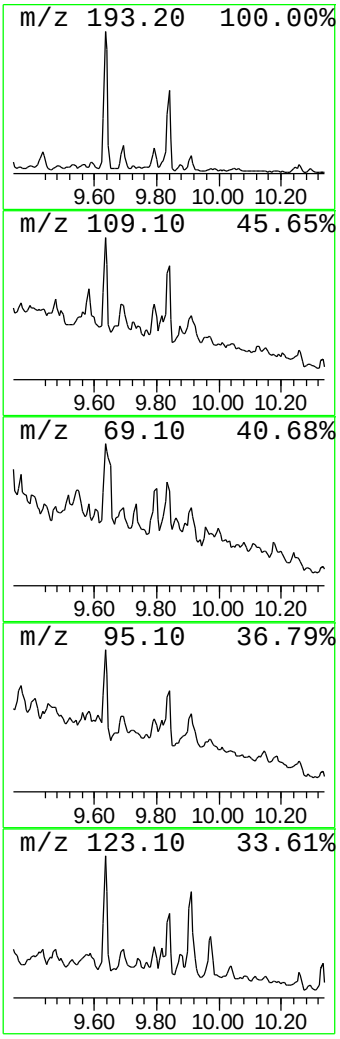
Peak Number 17 2-Pentanone, 4-cyclohexylid... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	18.11 ng	1026180	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	28
4	2-Amino-4-(trifluoromethyl)benze...	193	C7H6F3NS	004274-38-8	25
5	3,4-Diethoxy-N-(4,5,6,7-tetrahyd...	346	C18H22N2O3S	1000311-37-1	13





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Misc :
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Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

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TIC Library : C:\DATABASE\NIST11.L
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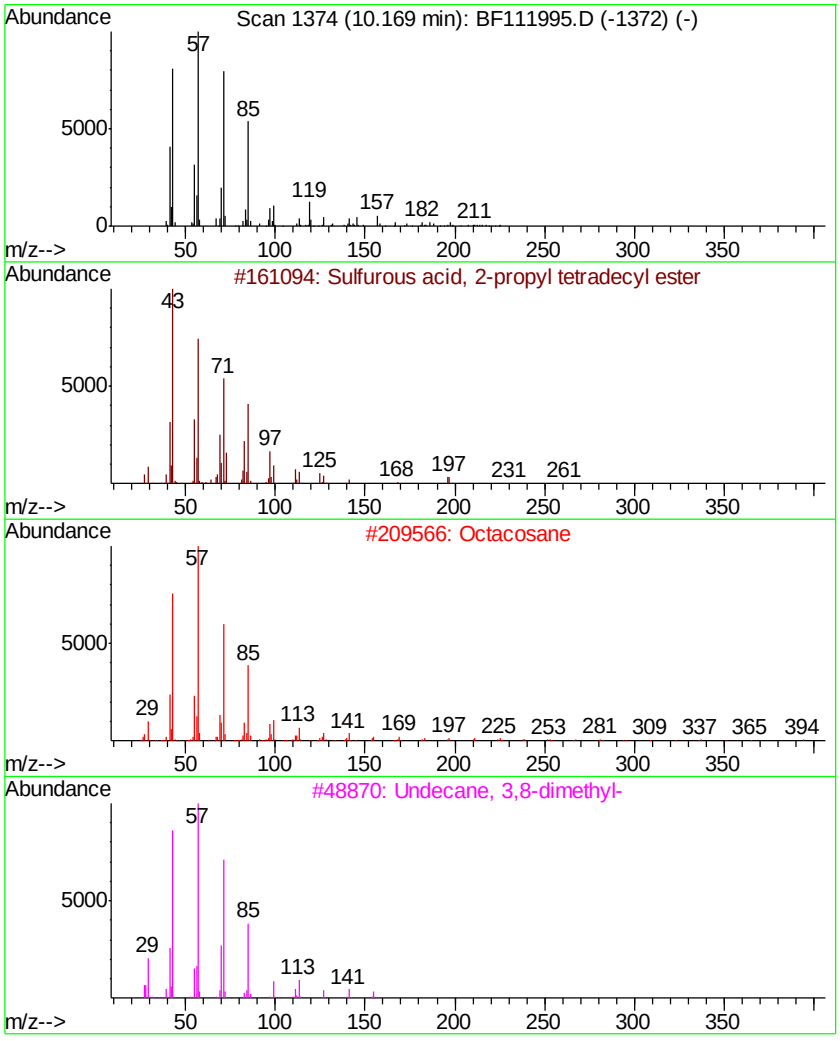
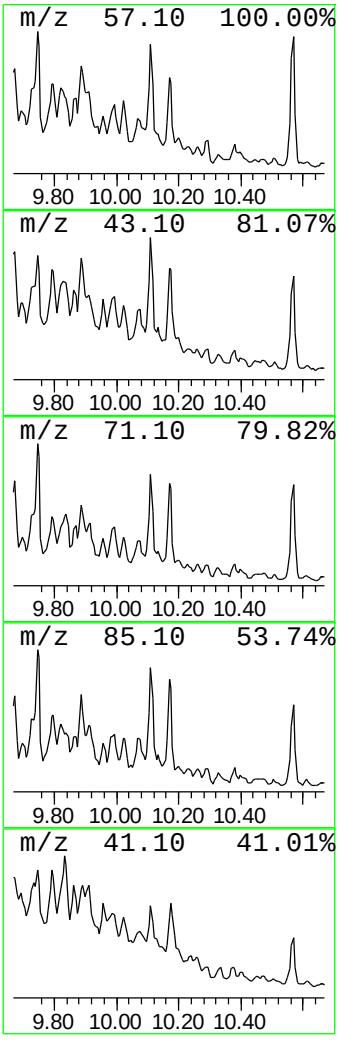
Peak Number 18 Sulfurous acid, 2-propyl te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	28.54 ng	1616790	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	53
2	Octacosane	394	C28H58	000630-02-4	49
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	46
4	Nonadecane	268	C19H40	000629-92-5	46
5	Pentadecane	212	C15H32	000629-62-9	43





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Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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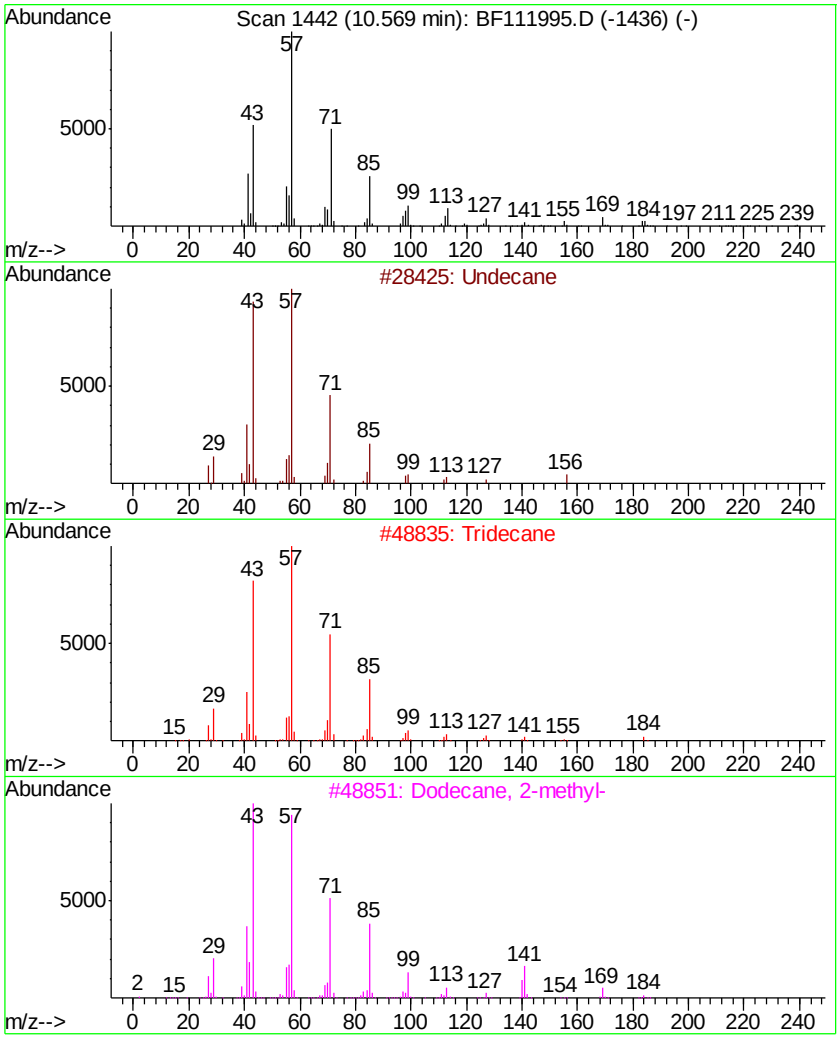
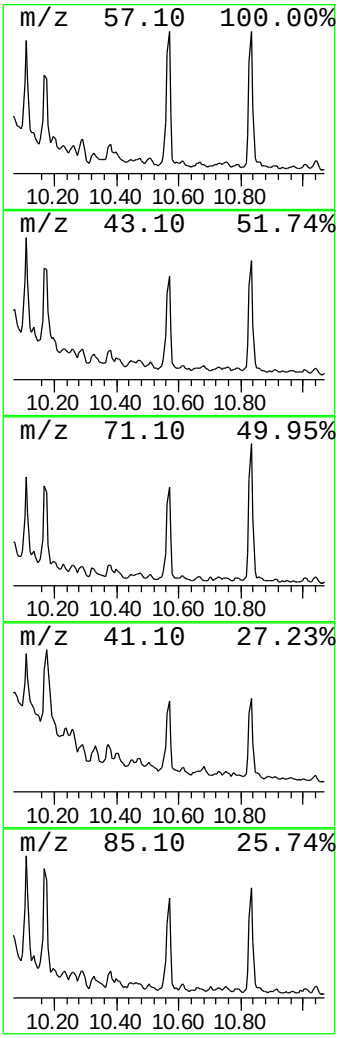
Peak Number 19 Undecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	15.61 ng	884577	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	86
2	Tridecane	184	C13H28	000629-50-5	76
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64





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Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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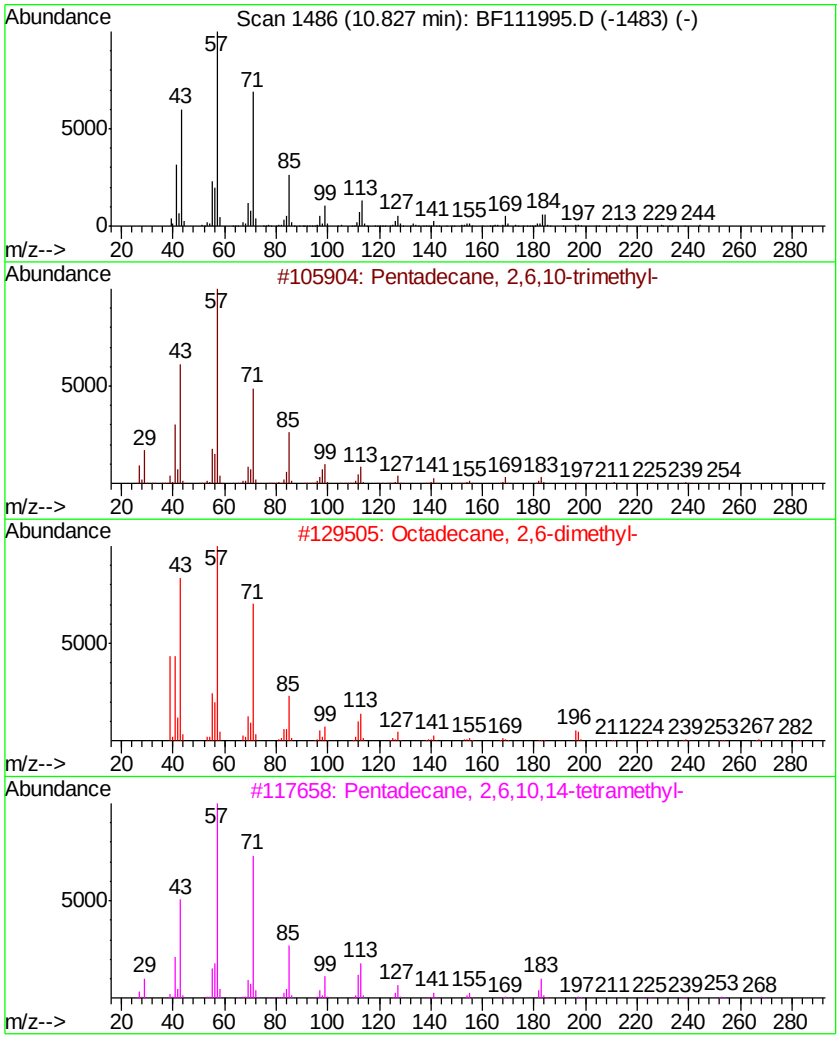
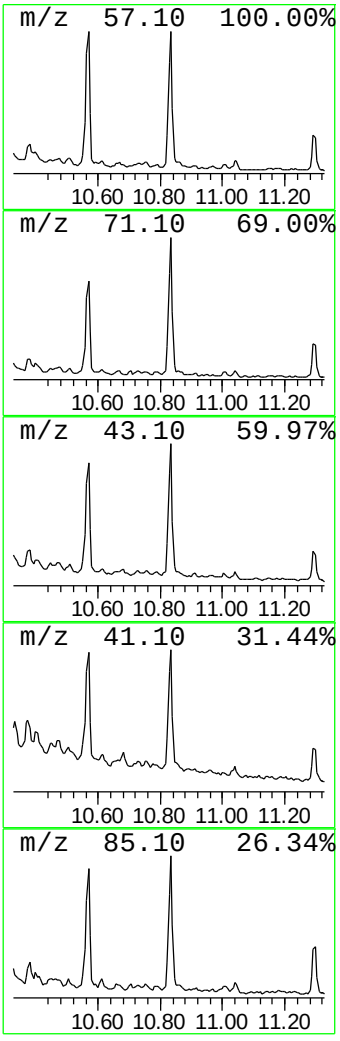
Peak Number 20 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	38.23 ng	796602	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5	Decane, 2-methyl-	156	C11H24	006975-98-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011019\
Data File : BF111995.D
Acq On : 10 Jan 2019 18:49
Operator : JU/SJ
Sample : K1071-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, 1-e...	6.13	31.6	ng	2023370	1	6.87	1282820	20.0
Undecane, 5,6-dim...	6.32	16.6	ng	1066770	1	6.87	1282820	20.0
Cyclohexane, 1,1,...	6.42	26.0	ng	1668760	1	6.87	1282820	20.0
Cyclohexane, 1-me...	6.62	19.6	ng	1256270	1	6.87	1282820	20.0
unknown6.65	6.65	55.0	ng	3527180	1	6.87	1282820	20.0
1-Ethyl-2,2,6-tri...	7.16	20.6	ng	1318660	1	6.87	1282820	20.0
unknown7.52	7.52	18.9	ng	3065090	2	8.16	3250130	20.0
Cyclohexane, hexyl-	8.46	19.4	ng	3158730	2	8.16	3250130	20.0
Pentadecane, 2,6,...	8.60	45.5	ng	7390430	2	8.16	3250130	20.0
unknown9.33	9.33	51.6	ng	2923670	3	9.92	1133070	20.0
unknown9.36	9.36	18.4	ng	1039620	3	9.92	1133070	20.0
Naphthalene, 1,2,...	9.40	24.6	ng	1391920	3	9.92	1133070	20.0
2H-Indeno[2,1-b]f...	9.56	16.2	ng	917086	3	9.92	1133070	20.0
2-Pentanone, 4-cy...	9.84	18.1	ng	1026180	3	9.92	1133070	20.0
Sulfurous acid, 2...	10.17	28.5	ng	1616790	3	9.92	1133070	20.0
Undecane	10.57	15.6	ng	884577	3	9.92	1133070	20.0
Pentadecane, 2,6,...	10.83	38.2	ng	796602	4	11.40	416710	20.0